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蛇菰属新种

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NEW SPECIES ON GENUS BALANOPHORA

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隐轴蛇菰 新种 图1

Balanophora cryptocaudex S. Y. Chang et Tam, sp. nov.

A *B. gracilis* Lec. plantis humilibus, scapis brevibus, squamato-bracteis generaliter congestis in multiseriatis, inflorescentiis squamato-bracteis dimidiis obsitis, maculinis conicis vel ovatis statim dignoscenda.

Planta parasitica. Rhizoma lobatum, 2.5—4.5cm longum, facie luteo-brunneum, dense verruculosum et disperse cinnereo-album stellato-lenticellatum, lobis vaginarum generaliter non manifestis. Scapus 1.2—1.5cm longus. Squamato-bracteae late ovato-triangulares, imbricatae et congestae in multiseriatas, inflorescentiis circa dimidia obsitae. Flores dioeci. Inflorescentia masculina conica vel ovata, 2—3cm longa, purpureo-rubra; flores circa 1 mm longi; lobis perianthii 5, oblongis, minutis, patentibus; synandrium brevi-cylindricum, 8—9mm longum, antheris 5, juxta positis hippocratiformibus; inflorescen-

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ntia feminea depresse sphaerica, purpureo-rubra; flores feminei apetali et acaeyculati ovariis ovoideis, pedibus manifeste praditis; appendicibus claviformibus, apice truncatis.

Yunnan(云南): Ximeng Xian(西盟县)1900 m, S. m., communis, 29 Nov. 1979, M. W. Ju (鞠明维) 0003 (**Typus**, in Inst. Chin Medic. Herbs Simao Jingdong Xian(景东县), Y. N. Chang(张以年)et X. X. Bai 0003 (parasitic on Macrangia indica Wight),

寄生植物；根状茎分裂（枝），常近掌状，长2.5—4.5厘米，表面黄褐色，密被山疣瘤和散生灰白色星芒状皮孔，分枝顶端膨大，近截形，鞘裂片通常不明显。花茎粗短，长1.2—1.5厘米。鳞苞片膜质，约16片，阔卵状三角形，长1.8厘米，宽2厘米，顶端钝，覆瓦状排列，包着花序和半遮盖着花序。花雌雄异株。雄花序圆锥形或卵形，长2—3厘米，宽约1.7厘米；雄花密集，长1毫米；花梗长4.5—5毫米；花被裂片5，长圆形，长6毫米，开展或稍反曲；聚合雄蕊短圆柱状，长8—9毫米；花药5枚，并排，马蹄形，有长1毫米的柄；雌花序扁球形，紫红色，直径1.5—2厘米；雌花无花被，子房密集，微小，卵圆形，连花柱长0.6—0.8毫米，有明显的柄；附属物棍棒状，长约1毫米，顶端截形。

思茅蛇菰 新种　图2

Balanophora simaoensis S. Y. Chang et Tam, sp. nov.

B. dioicae R. Br. affinis, a qua imprimis differt floribus 5-meris, non 4-meris; androeceo oblongo, inflorescentia masculina elliptico-ovata et feminea depresso-sphaerica.

Planta parasitica; rhizomatibus rubro-luteis, lobatis, circa 10cm in diam., facie densissime granulato-verrucosis et manifeste cinereo-stellato-lenticellatis, in sicco rugosis. Scapus 4.5—7.5cm longus, purpureo-rubrus Squamoso-bracteae ovatae vel lato-ovata, erubro-luteae. Flores diocii. Inflorescentia masculina elliptico-ovata, circa 6.5cm longa, rubro-lutea. Flores masculini rubri, patentes, circa 1.2cm in diam., lobis perianthii 5, ellipticis, 5mm longis; synandrii oblongi, 4mm longi antheris 5, hippocratiformibus, luteis; inflorescentia feminea, compresso-sphaerica, circa 2.6cm alta, 3—3.5cm lata; flores feminei apetali et acalycaulti; ovariis purpureo-rubris, densissime et minute, ovoideis, manifeste stipitatis; appendicibus co-

piosis, claviformibus, apice subtruncatis, basin versus acuminatis, basi ovariis praeditis.

Yunnan (云南): Jingdong xian (景东县), in dense forest, rarely, 2 Nov. 1979, S. Y. Chang (张绍云) 0002 A (**Typus**, in Inst. Chin. Medic. Herbs Simao); idem. X. X. Bai 2—3A; Ximeng Xian (西盟县), 1950m. s. m., in damp valley, commom, parasit icon Sarcosperma arboreum Hook. f. 12, Dec. 1980, S. Y. Chang 0032A, 0033—2A, 0031A; Zhenyuan Xian (镇沅县), 1570m, s. m., S. Y. Chang 0008A.

寄生植物；根状茎分裂，有时呈珊瑚状，直径约10厘米，表面密被颗粒小疣瘤和明显的星芒状皮孔，干时多皱褶。花茎长4.5—7.5厘米，紫红色。鳞苞片（10）12—14枚，卵形或阔卵形，长（16－）20—25厘米。花雌雄异株。雄花序椭圆状卵形，长约6.5厘米，红黄色；雄花红色，开展，直径约1.2厘米；花梗长8毫米；花被裂片5，椭圆形，长5毫米；聚药雄蕊长园形，长4毫米，有柄；花药5，马蹄形，黄色；雌花序扁球形，直径3—3.5厘米，高约2.6厘米；雌花无花被；子房紫红色，密集，卵圆形，连花柱长1.2毫米，有明显的柄，着生于附属体基部；附属体多数，棍棒状，顶端近截形，向基部渐尖。

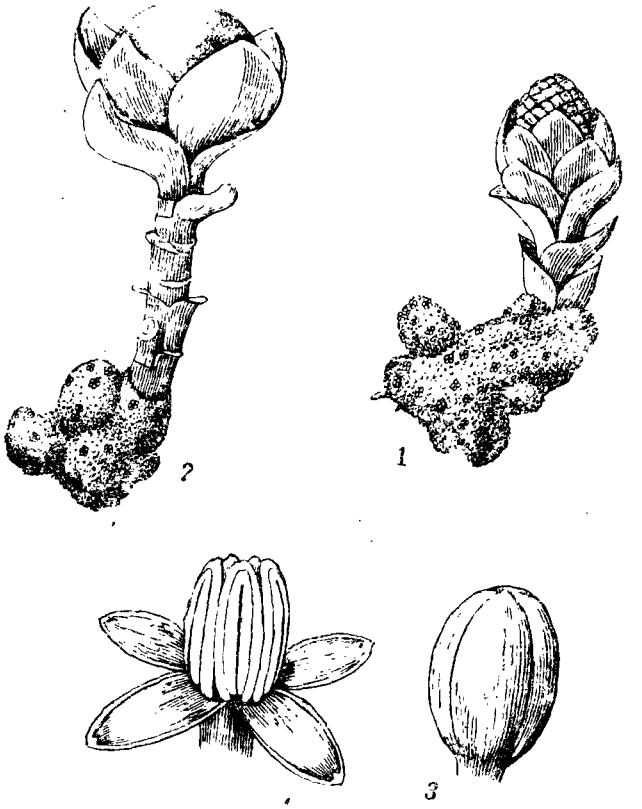

图1 隐轴蛇菰 **Balanophora cryptocandex** S. Y. Chang et Tam; 1. 雄株; 2.雌株; 3. 花蕾（雄花）; 4. 雄花展开示聚药雄蕊（黄少容绘）。

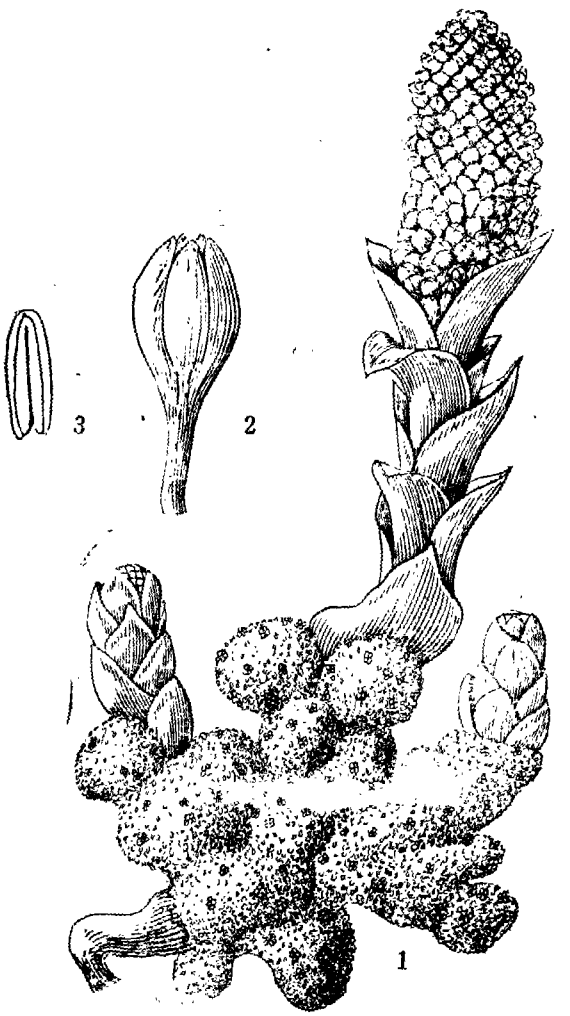

图2 思茅蛇菰 **Balanophora simaoensis** S. Y.Chang et Tam. 1. 雄株；2. 花蕾（雄花）；3. 雄蕊（黄少容绘）。